#### Search Results -

| Term   | Documents |
|--|-----------|
| (2 AND 7) PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.    | 104       |
| (L2 AND L7 ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD. | 104       |

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### **Search History**

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| side by    | Query  | Hit<br>Count | Set<br>Name<br>result |
|------------|--|--------------|-----------------------|
| side       | =PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ  |              | set                   |
| <i>L</i> 1 | rigid rod polymer or rigid polymer or rigid rod copolymer or rigid copolymer or (polmer with polyphenylene) or (copolmer with polyphenylene) or (polmer                                    | 4452         | <u>L1</u>             |
| <u>L2</u>  | L1 same (particle or particulate or particulated or ground or milled or granulated or granule or bead or micropowder or powder or powdered or pulverize or powdery or pulverulent or dust) | 505          | <u>L2</u>             |
| <u>L3</u>  | heat settable resin or heat settable polymer or heat settable copolymer or thermosetting resin or thermosetting polymer or thermosetting copolymer   | 90850        | <u>L3</u>             |
| <u>L4</u>  | (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol f" or "bisphenol s") with resin  | 289496       | <u>L4</u>             |
|            | (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or   |              | ٠                     |

| <u>L5</u> | "bisphenol f" or "bisphenol s") with polymer  | 67029  | <u>L5</u> |
|-----------|---|--------|-----------|
| <u>L6</u> | (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol f" or "bisphenol s") with copolymer | 43391  | <u>L6</u> |
| <u>L7</u> | 13 or 14 or 15 or L6  | 376040 | <u>L7</u> |
| <u>L8</u> | 12 and L7   | 104    | <u>L8</u> |

#### Search Results -

| Term   | Documents |
|--|-----------|
| (4 AND 7).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.    | 13        |
| (L4 AND L7 ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD. | 13        |

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| <u>Set</u>  |  | Hit   | <u>Set</u>  |
|-------------|--|-------|-------------|
| <b>Name</b> | Query  | Count | <u>Name</u> |
| side by     |  | Count | result      |
| side        |  |       | set         |
| DB=         | <i>PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>  |       |             |
| <u>L1</u>   | prepreg or pre preg  | 29803 | <u>L1</u>   |
| <u>L2</u>   | L1 with (particle or particulate or particulated or ground or milled or granulated or granule or bead or micropowder or powder or powdered or pulverize or powdery or pulverulent or dust)   | 2275  | <u>L2</u>   |
| <u>L3</u>   | L1 same (particle or particulate or particulated or ground or milled or granulated or granule or bead or micropowder or powder or powdered or pulverize or powdery or pulverulent or dust)   | 3684  | <u>L3</u>   |
| <u>L4</u>   | rigid rod polymer or rigid polymer or rigid rod copolymer or rigid copolymer or (polmer with polyphenylene) or (copolmer with polyphenylene) or (polmer with poly phenylene) or (copolmer with polyphenylene) or (polmer with phenylene) or (copolmer with phenylene) or "poly(1,4-phenylene)" or "poly-1,4-phenylene" or "PX1000" or "PX1200" or parmax | 4452  | <u>L4</u>   |
|             | heat settable resin or heat settable polymer or heat settable copolymer or   |       |             |

| <u>L5</u> | thermosetting resin or thermosetting polymer or thermosetting copolymer or (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol f" or "bisphenol s") with resin or (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol f" or "bisphenol s") with polymer or (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol f" or "bisphenol s") with copolymer | 376040 | <u>L5</u> |
|-----------|--|--------|-----------|
| <u>L6</u> | 11 and L5  | 15672  | <u>L6</u> |
| <u>L7</u> | 13 and L6  | 2306   | <u>L7</u> |
| <u>L8</u> | 14 and L7  | 13     | <u>L8</u> |

#### Search Results -

| Term   | Documents |
|--|-----------|
| (4 AND 5).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.    | 24        |
| (L4 AND L5 ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD. | 24        |

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| 76 |               |       | Refine Search |
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| <u>Na</u><br>sid | et<br>me<br>e by<br>de | Query  | Hit<br>Count | Set Name result set |
|------------------|------------------------|--|--------------|---------------------|
| Ī                | DB=                    | =PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ  | ŕ            |                     |
| Ī                | <u>.1</u>              | rigid rod polymer or rigid polymer or rigid rod copolymer or rigid copolymer or (polmer with polyphenylene) or (copolmer with polyphenylene) or (polmer with poly phenylene) or (copolmer with polyphenylene) or (polmer with phenylene) or (copolmer with phenylene) or "poly(1,4-phenylene)" or "poly-1,4-phenylene" or "PX1000" or "PX1200" or parmax | 4452         | <u>L1</u>           |
| <u>I</u>         | <u>.2</u>              | 11 same (particle or particulate or particulated or ground or milled or granulated or granule or bead or micropowder or powder or powdered or pulverize or powdery or pulverulent or dust)   | 505          | <u>L2</u>           |
| Ī                | <u>_3</u>              | L1 same (dissolve or dissolution or dissolved or disperse)   | 199          | <u>L3</u>           |
| · <u>I</u>       | <u>.4</u>              | 12 and L3  | 58           | <u>L4</u>           |
| I                | <u> </u>               | (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol s") with resin   | 289496       | <u>L5</u>           |
| <u>I</u>         | <u>.6</u>              | 14 and L5  | 24           | <u>L6</u>           |

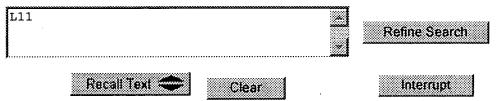
#### Search Results -

| Term  | Documents |
|---|-----------|
| (10 AND 9).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.    | 46        |
| (L9 AND L10 ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD. | 46        |

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| Set Name side by side | Query  | Hit<br>Count | Name<br>result<br>set |
|-----------------------|--|--------------|-----------------------|
| DB=                   | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ   |              |                       |
| <u>L1</u>             | rigid rod polymer or rigid polymer or rigid rod copolymer or rigid copolymer or (polmer with polyphenylene) or (copolmer with polyphenylene) or (polmer with poly phenylene) or (copolmer with polyphenylene) or (polmer with phenylene) or (copolmer with phenylene) or "poly(1,4-phenylene)" or "poly-1,4-phenylene" | 4434         | <u>L1</u>             |
| <u>L2</u>             | "PX1000" or "PX1200" or parmax   | 20           | <u>L2</u>             |
| <u>L3</u>             | 11 or L2   | 4452         | <u>L3</u>             |
| <u>L4</u>             | heat settable resin or heat settable polymer or heat settable copolymer or thermosetting resin or thermosetting polymer or thermosetting copolymer   | 90850        | <u>L4</u>             |
| <u>L5</u>             | (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol f" or "bisphenol s") with resin  | 289496       | <u>L5</u>             |
| <u>L6</u>             | (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol f" or "bisphenol s") with polymer  | 67029        | <u>L6</u>             |

| <u>L7</u>  | (epoxy or bismaleimide or bis maleimide or cyanate or "bisphenol a" or "bisphenol s") with copolymer   | 43391  | <u>L7</u>  |
|------------|--|--------|------------|
| <u>L8</u>  | 14 or 15 or 16 or L7   | 376040 | <u>L8</u>  |
| <u>L9</u>  | 13 and L8  | 710    | <u>L9</u>  |
| <u>L10</u> | 13 with (particle or particulate or ground or milled or granulated or granule or<br>bead or micropowder or powder or powdered or pulverize or powdery or<br>pulverulent or dust) | 269    | <u>L10</u> |
| <u>L11</u> | 19 and L10   | . 46   | <u>L11</u> |

#### Search Results -

| Term   | Documents |
|--|-----------|
| EPOXY  | 444567    |
| EPOXIES  | 22563     |
| EPOXYS   | 1004      |
| (1 AND EPOXY).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.  | 6         |
| (L1 AND EPOXY).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD. | 6         |

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| <u>Set Name</u><br>side by side | Query                              | Hit Count     | Set Name result set |
|---------------------------------|------------------------------------|---------------|---------------------|
| •                               | ,<br>USOC,EPAB,JPAB,DWPI,TDBD; PLU | R=YES: OP=ADJ |                     |
| <u>L1</u>                       | martin-cary\$.in.                  | 17            | <u>L1</u>           |
| <u></u>                         | L1 and rigid rod                   | 1             | <u>L2</u>           |
| <u>L3</u>                       | L1 and epoxy                       | 6             | <u>L3</u>           |